

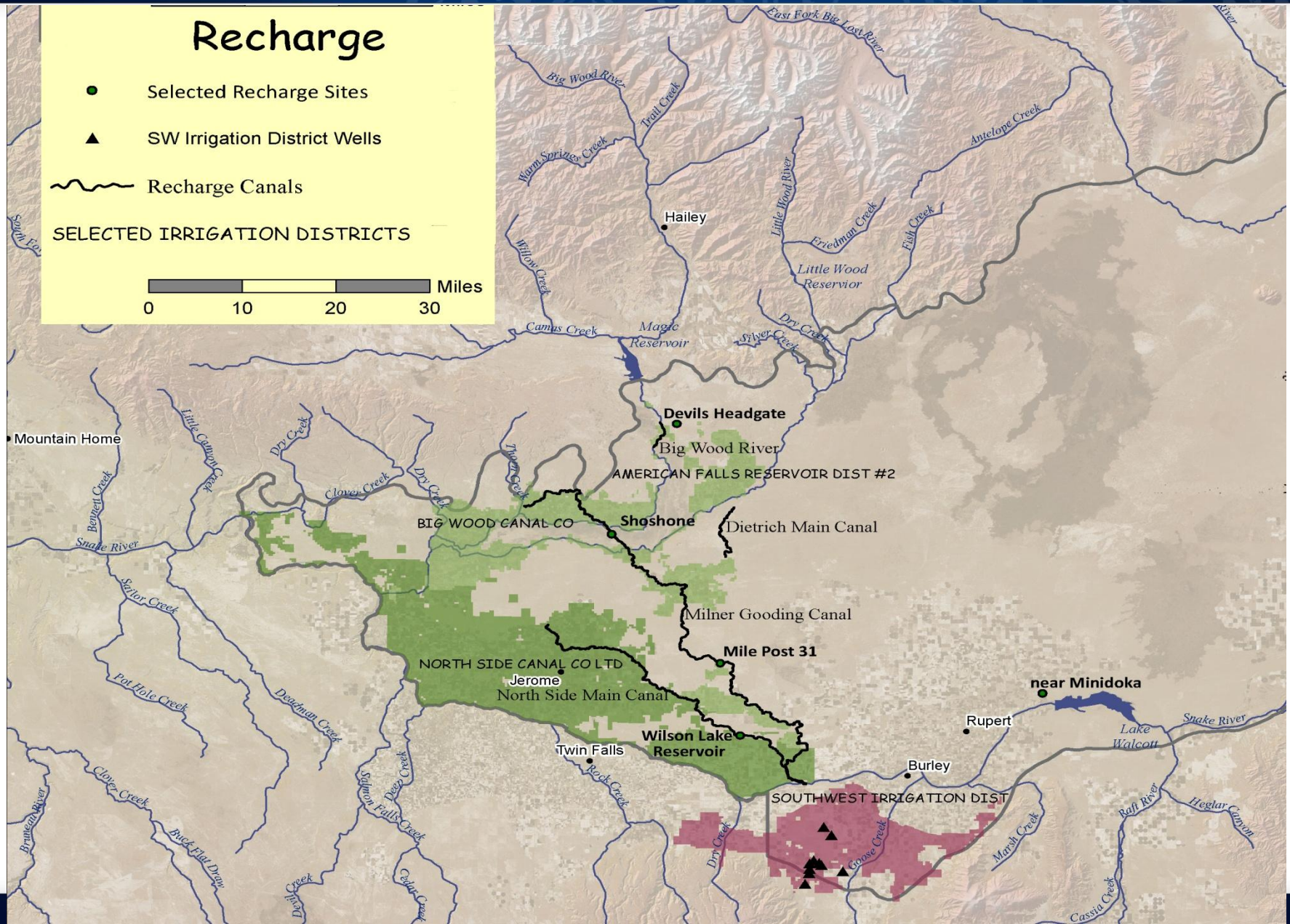


IDWR Managed Recharge Program

**Mile Post 31 and Lake Walcott
Recharge Sites**

September 2013







2010 Pilot Test



**Delivery to Mile Post 31
began Wednesday
March 27, 2013 200 cfs
(full discharge)**



Thursday March 28th

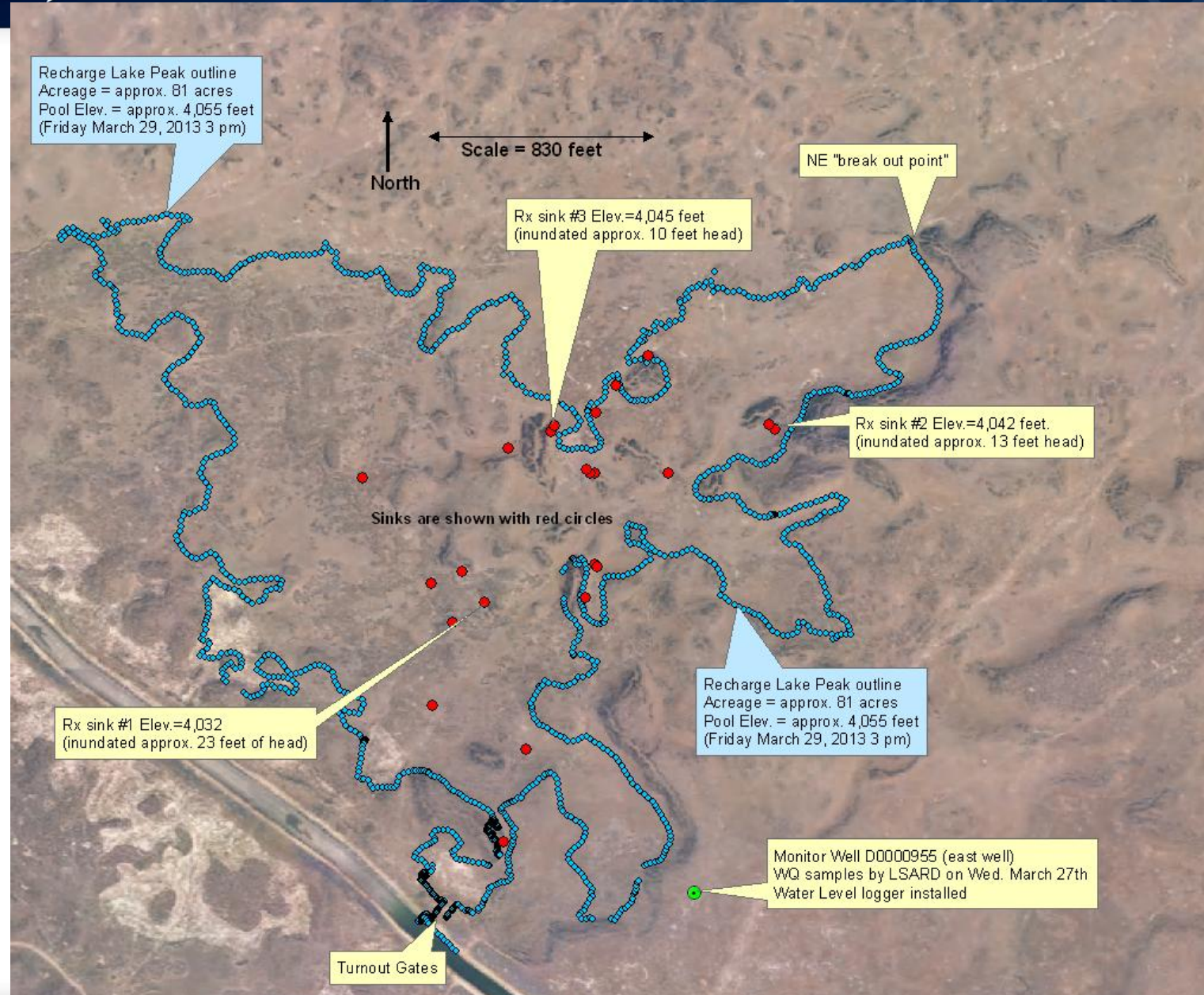
Peak pool level
Friday March 29th
(Milner Gates shut down)







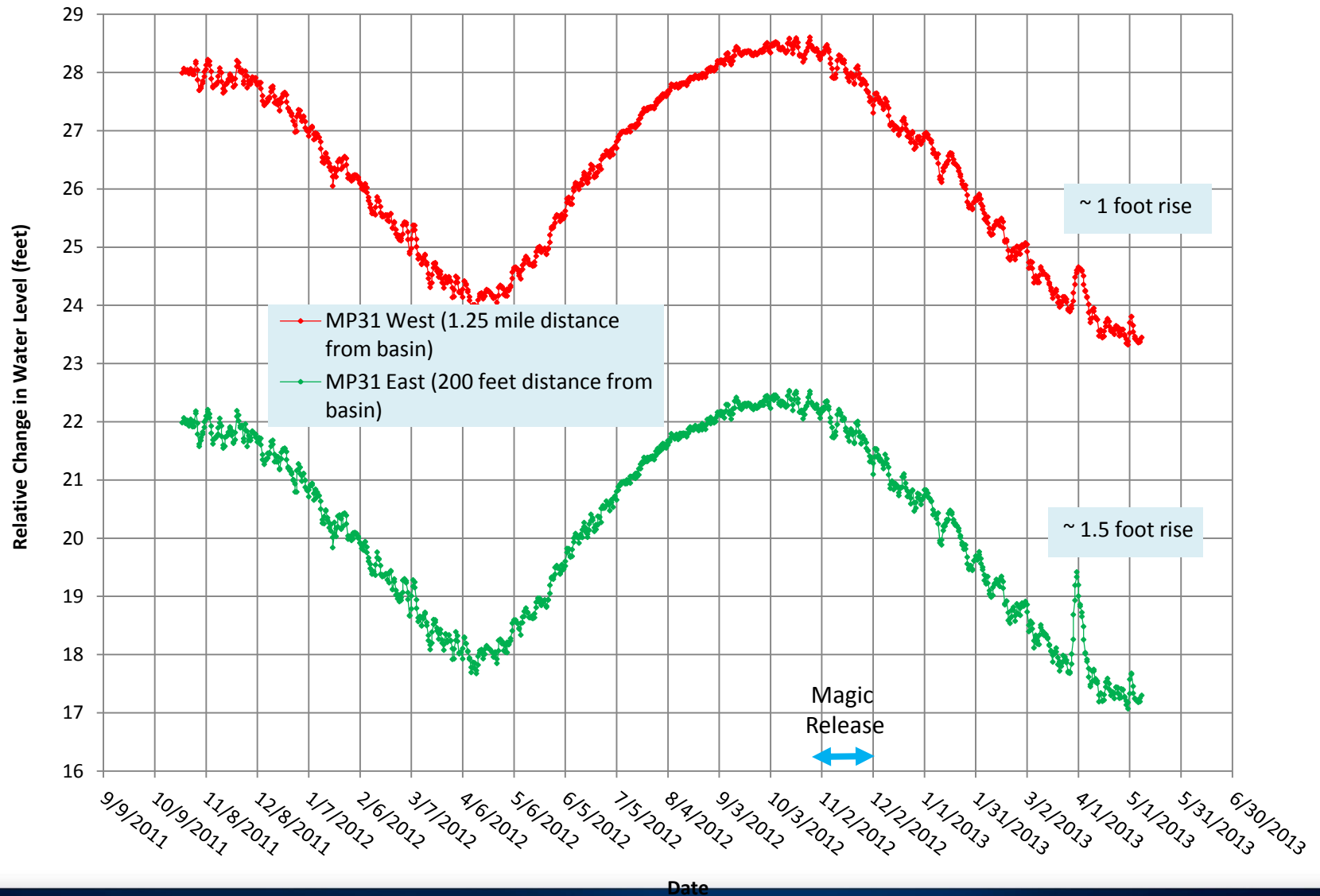
Pool at full level on Friday March 29th compared to Monday April 1st (draining).
Discharge into the site from the canal was completed midnight Saturday March 30th.



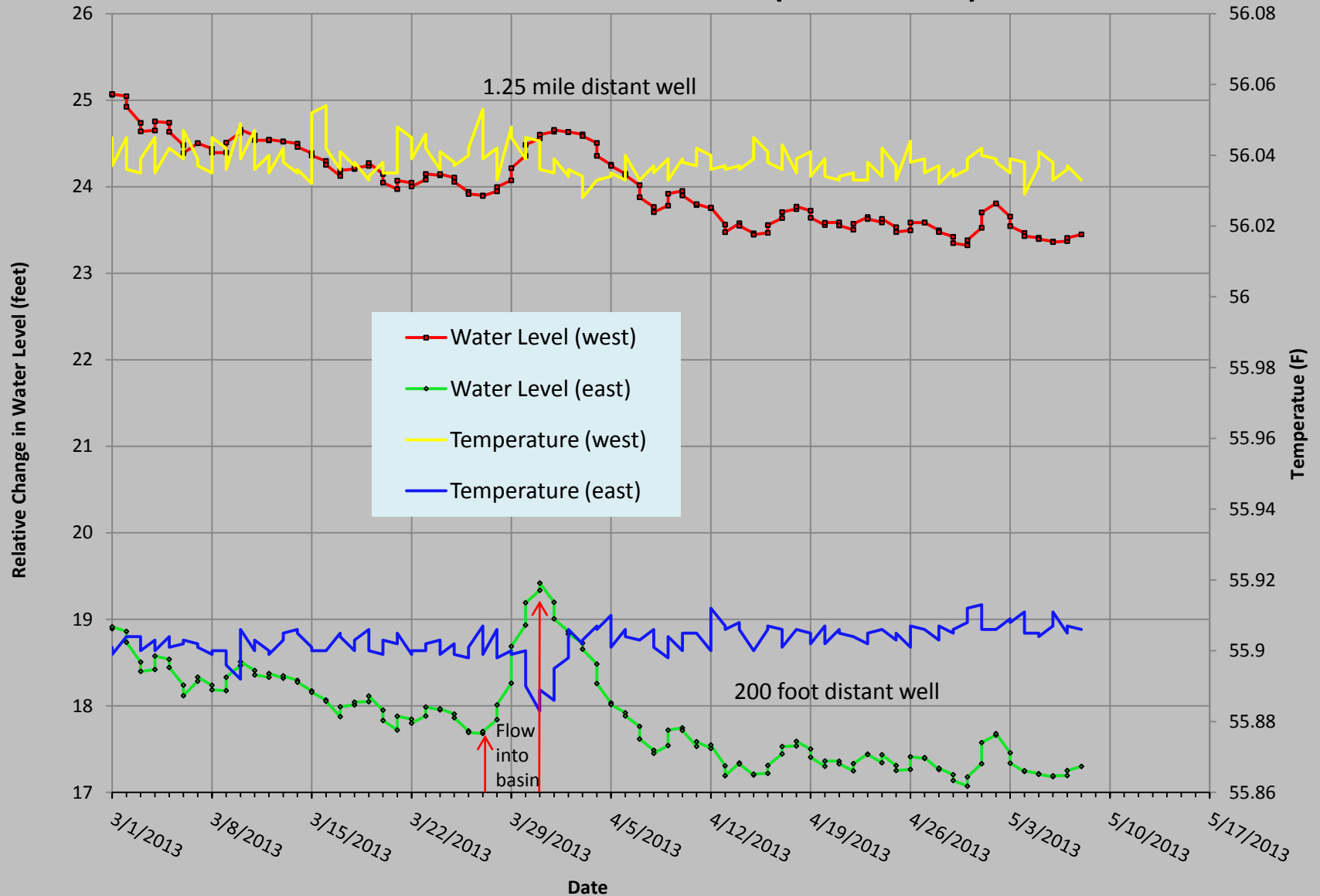




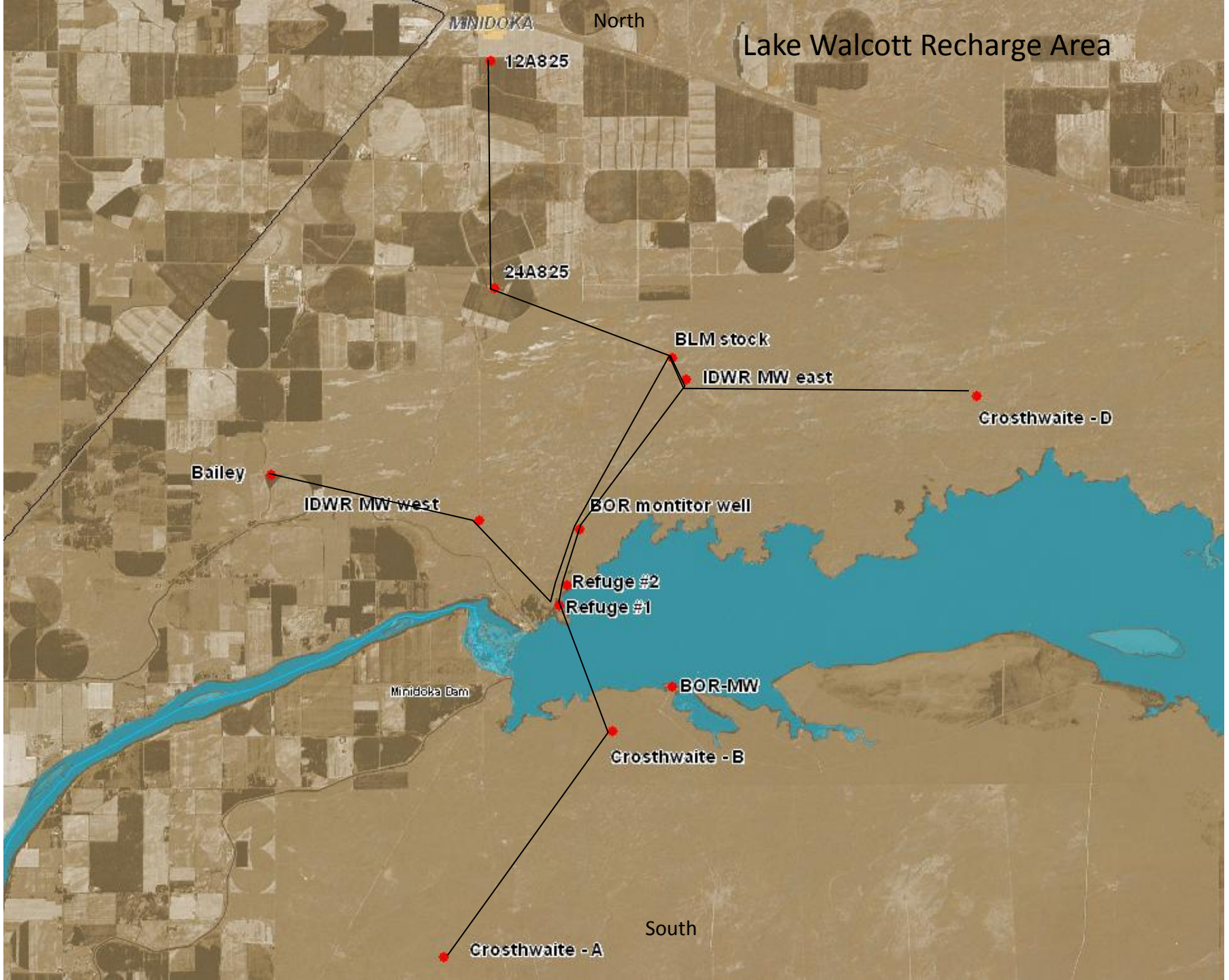
Mile Post 31 Monitor Well Hydrographs (east and west)



Mile Post 31 Monitor Wells (East & West)



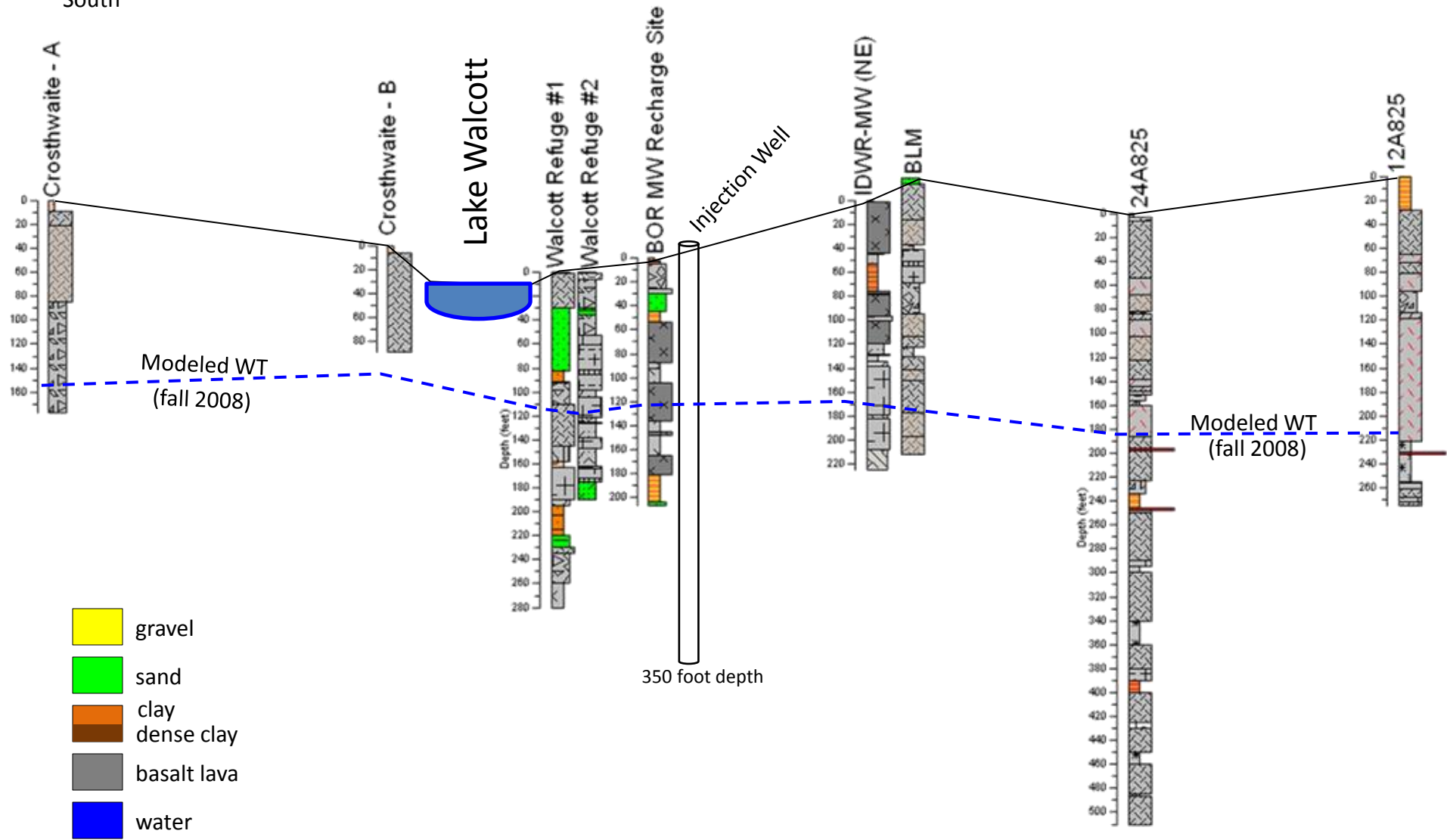
Walcott Recharge Site Developments



Lake Walcott Cross Section

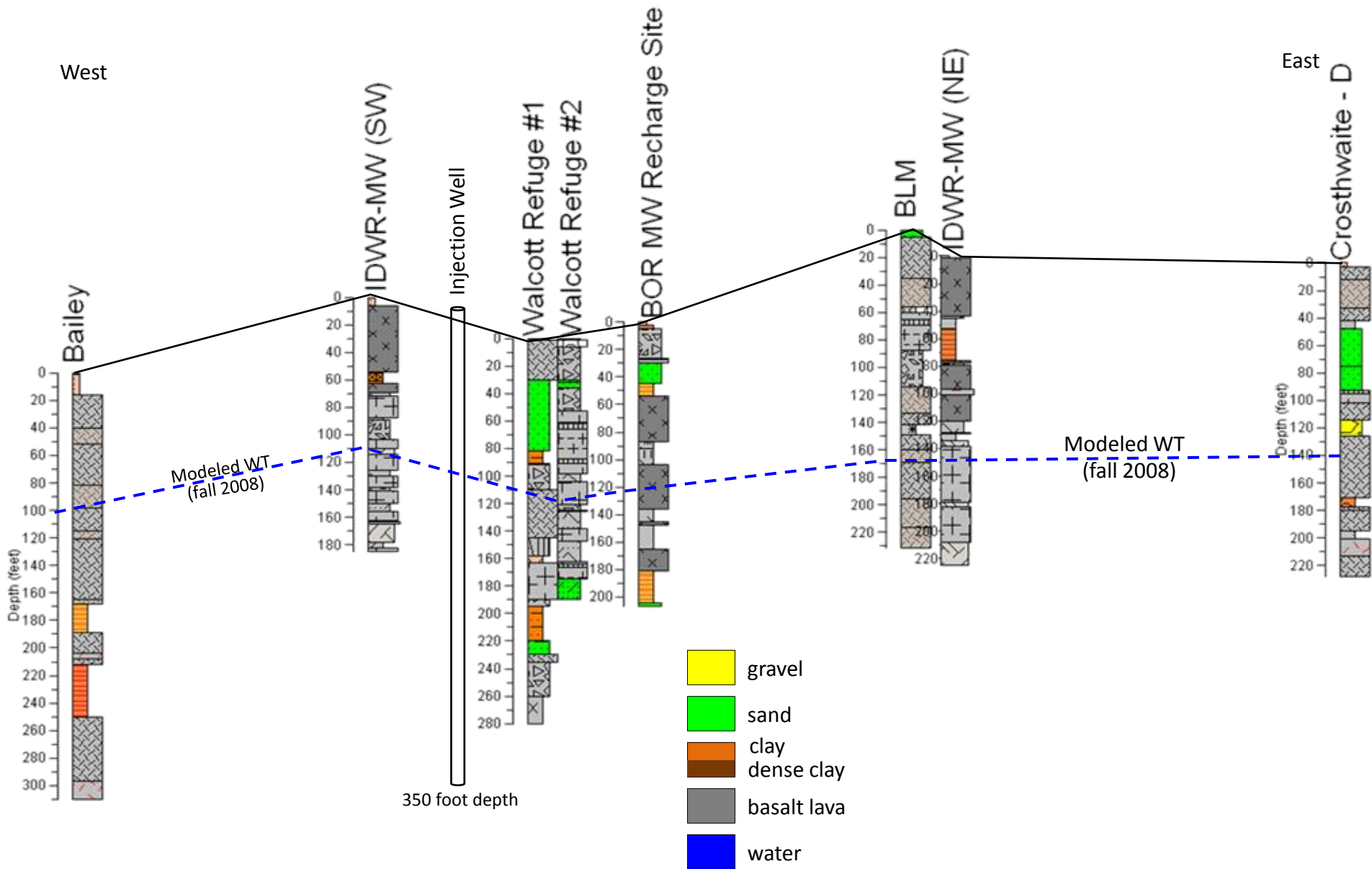
South

North



Horizontal Distance = 9 miles
Vertical Exaggeration = 30

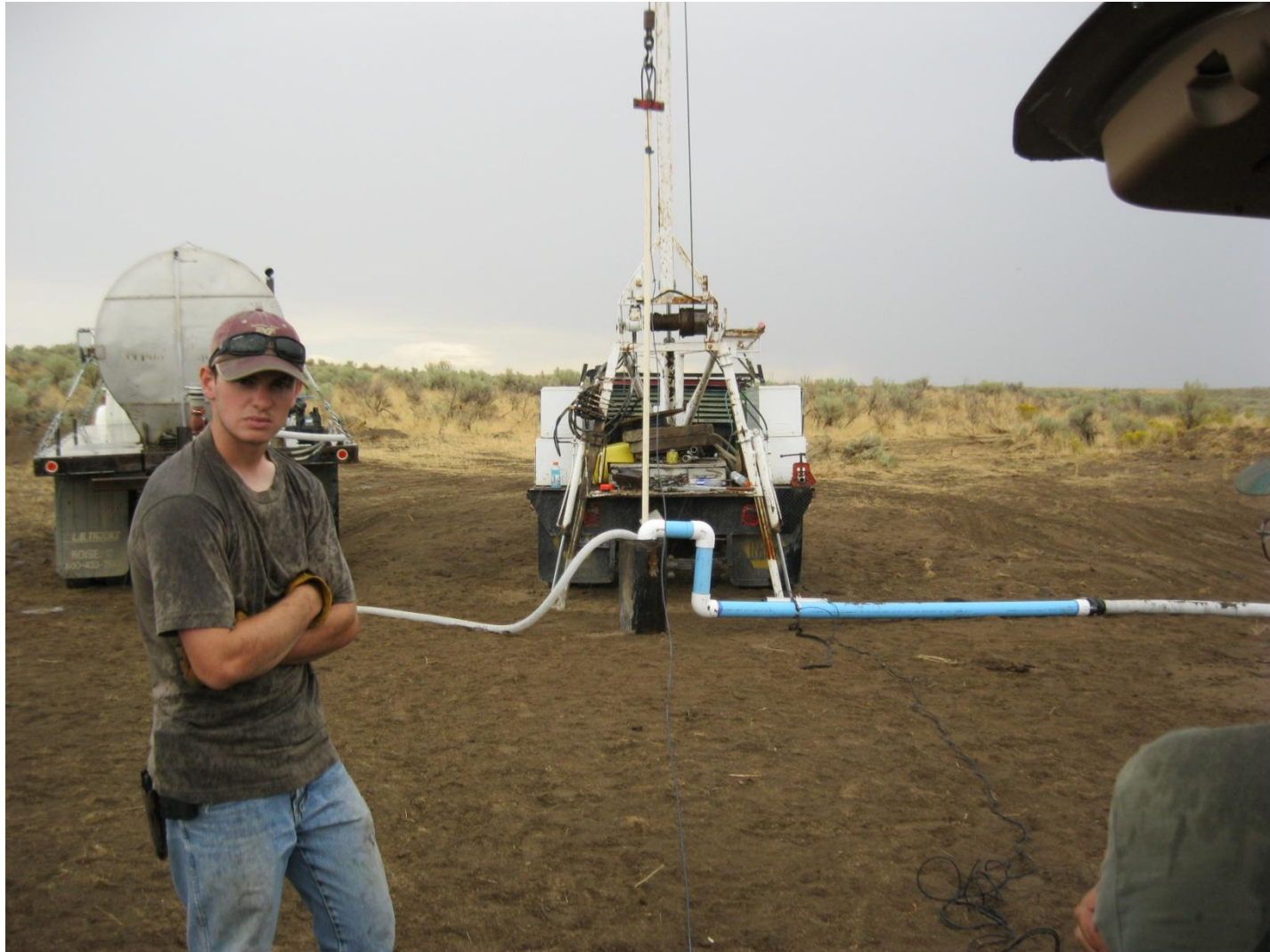
Lake Walcott Cross Section

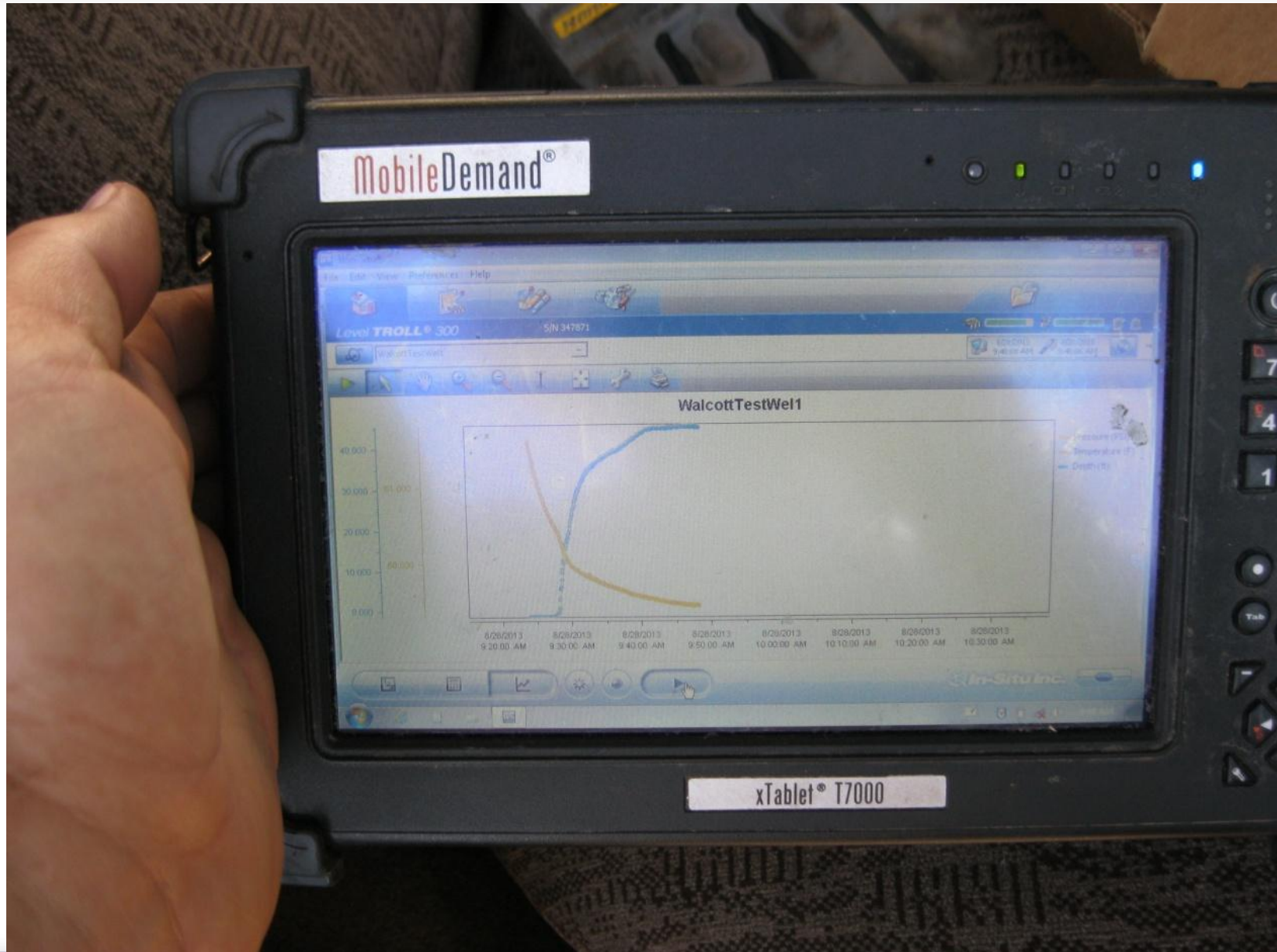


Horizontal Distance = 10 miles
Vertical Exaggeration = 50



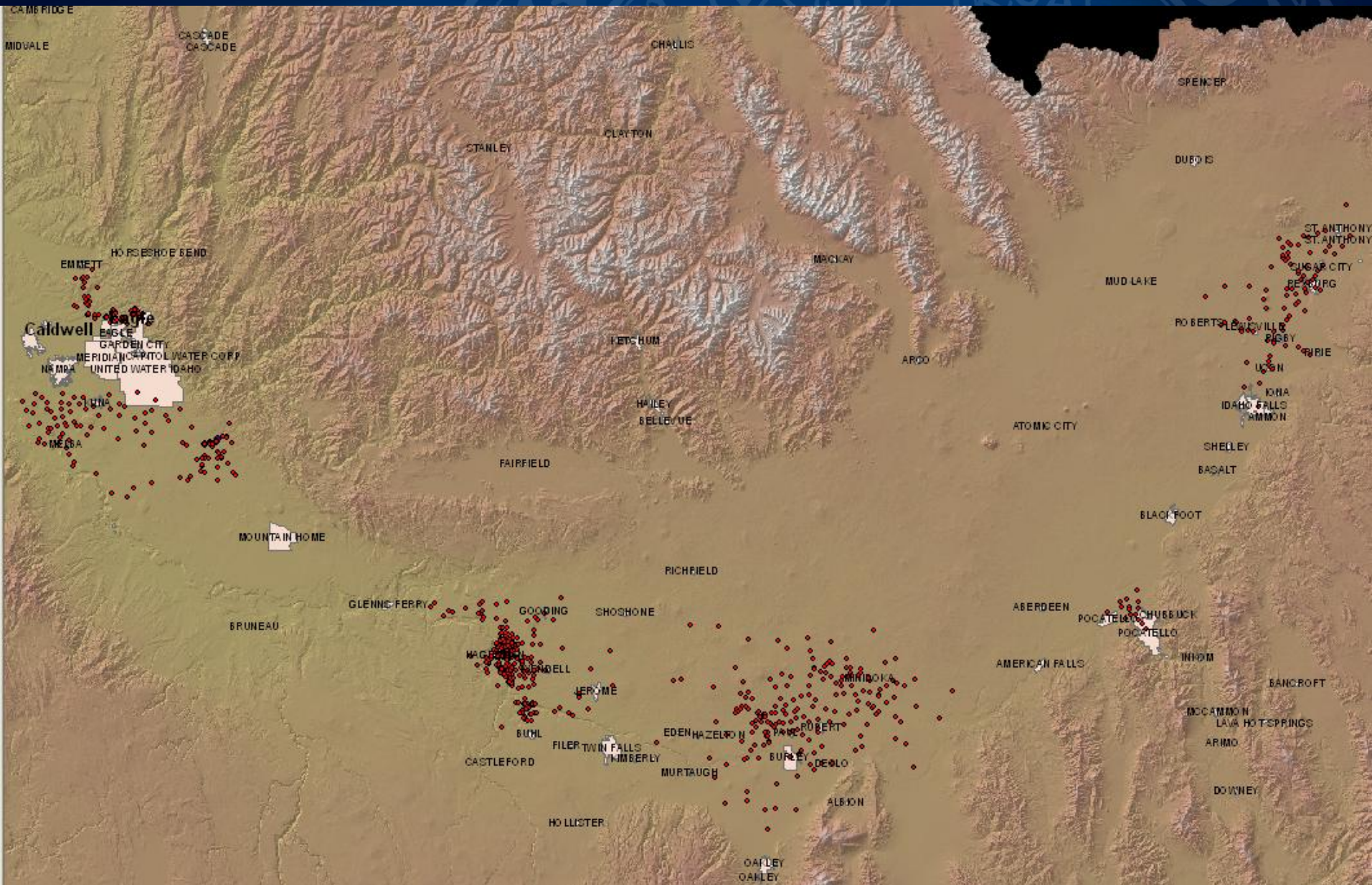








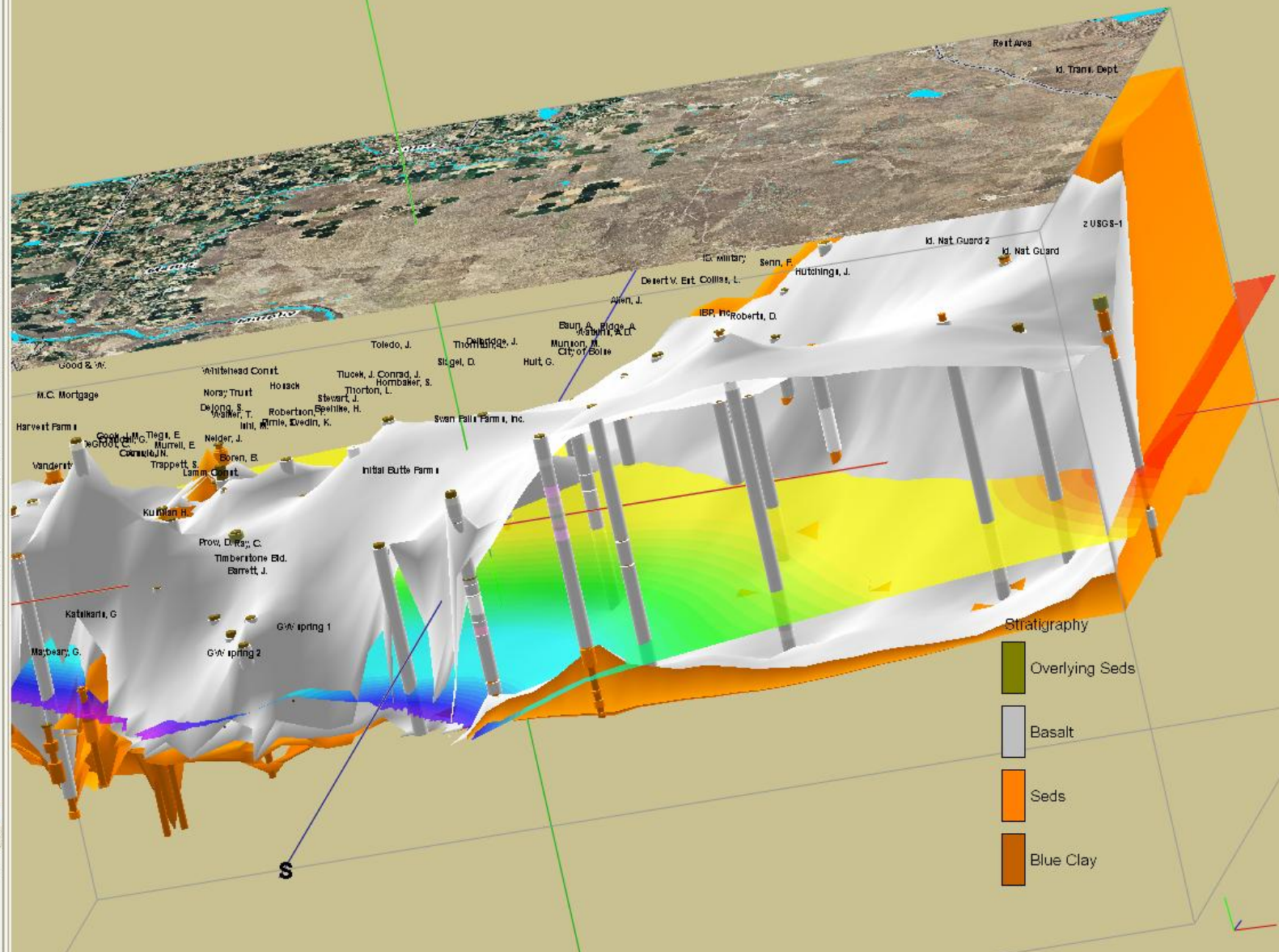
Draft Snapshot of
Egin/Rexburg/Great Feeder/Market Lake
Hydrogeology



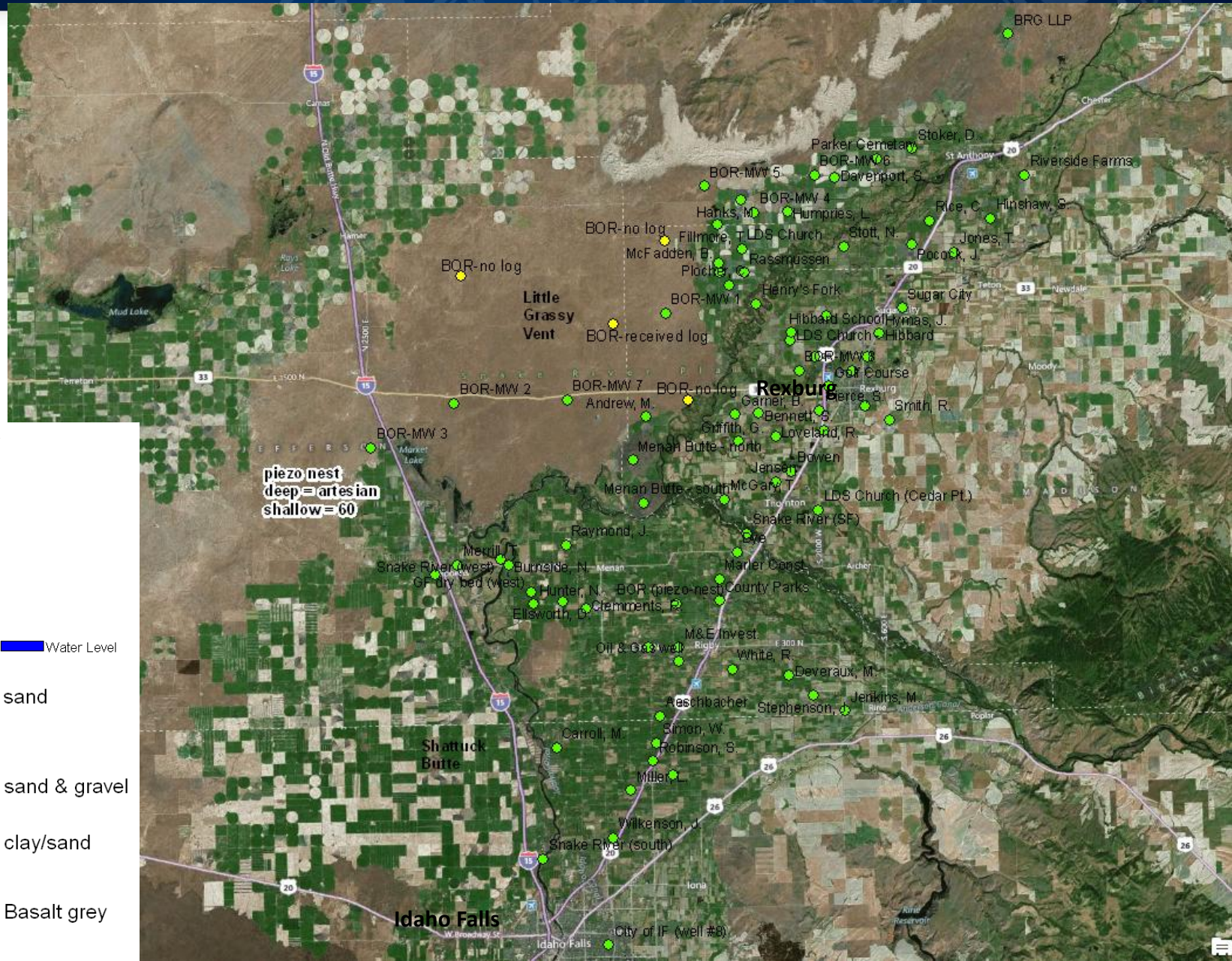
File Edit View Help



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 - Volume = 5
 - Mass = 5
 - ☒ Seds
 - ☒ Blue Clay
 - Total Volume =
 - Total Mass = 9
 - ☒ Logs
 - ☒ Perimeter Cage
 - ☒ Surface
 - ☐ Draped Shaded
 - ☐ Perimeter Cage
 - ☐ Draped Color Ai
 - ☒ Perimeter Cage
 - ☐ Aeromag
 - ☒ Perimeter Cage
 - ☐ air photo floating
 - ☐ Draped Color Ai
 - ☐ Aeromag
 - ☒ Perimeter Cage



TVRecharge.bmp
TVRecharge color air photo.bn
TVRecharge 2.jpg



Rasmussen, M.

0

50

100

150

200

Water Level

sand

sand & gravel

clay/sand

Basalt grey

piezo nest
deep = artesian
shallow = 60

- gravel
- sand
- clay
- dense clay
- basalt lava
- water

North-South Distance = 25 miles
Vertical Exaggeration = 100

